



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Wednesday, May 31, 2017

Issued: 0800 CT

Day 1 Hazards: Heavy rainfall over SW TX may produce areas of flash flooding. A few severe storms possible over this area as well

Day 1 Hazards: Heavy rainfall also possible over W TX and E NM with isolated flash flooding threat

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points



Wednesday

- Areas of heavy rain/flash flooding possible from S TX to the Big Bend region into parts of W TX/E NM
- Marginal risk of severe storms over SW TX with damaging winds/hail the main threats

Thursday

- Marginal risk area for strong/severe thunderstorms with isolated heavy rain/flash flooding across parts of S OK/N TX

Friday

- Isolated heavy rain/flash flooding across parts of S LA

Saturday – Sunday

- Heavy rain possible across E OK/W AR

River Flooding

- The MS River in SE LA is cresting; Baton Rouge is in Major Flood stage and forecast to remain near current levels through mid week. Water levels slowly receding this weekend

*FEMA Region 6 Threat Matrix

May 31, 2017 - Jun 4, 2017

| | WED | THU | FRI | SAT | SUN |
|--------------------------------|-----------|-----------|-------|-----------|-----------|
| Severe Weather | SW TX | S OK/N TX | | | |
| Heavy Rain / Flash Flooding | W TX/E NM | S OK/N TX | S LA | E OK/W AR | E OK/W AR |
| | SW TX | | | | |
| Fire Weather | | | | | |
| River Flooding | SE LA | SE LA | SE LA | SE LA | SE LA |

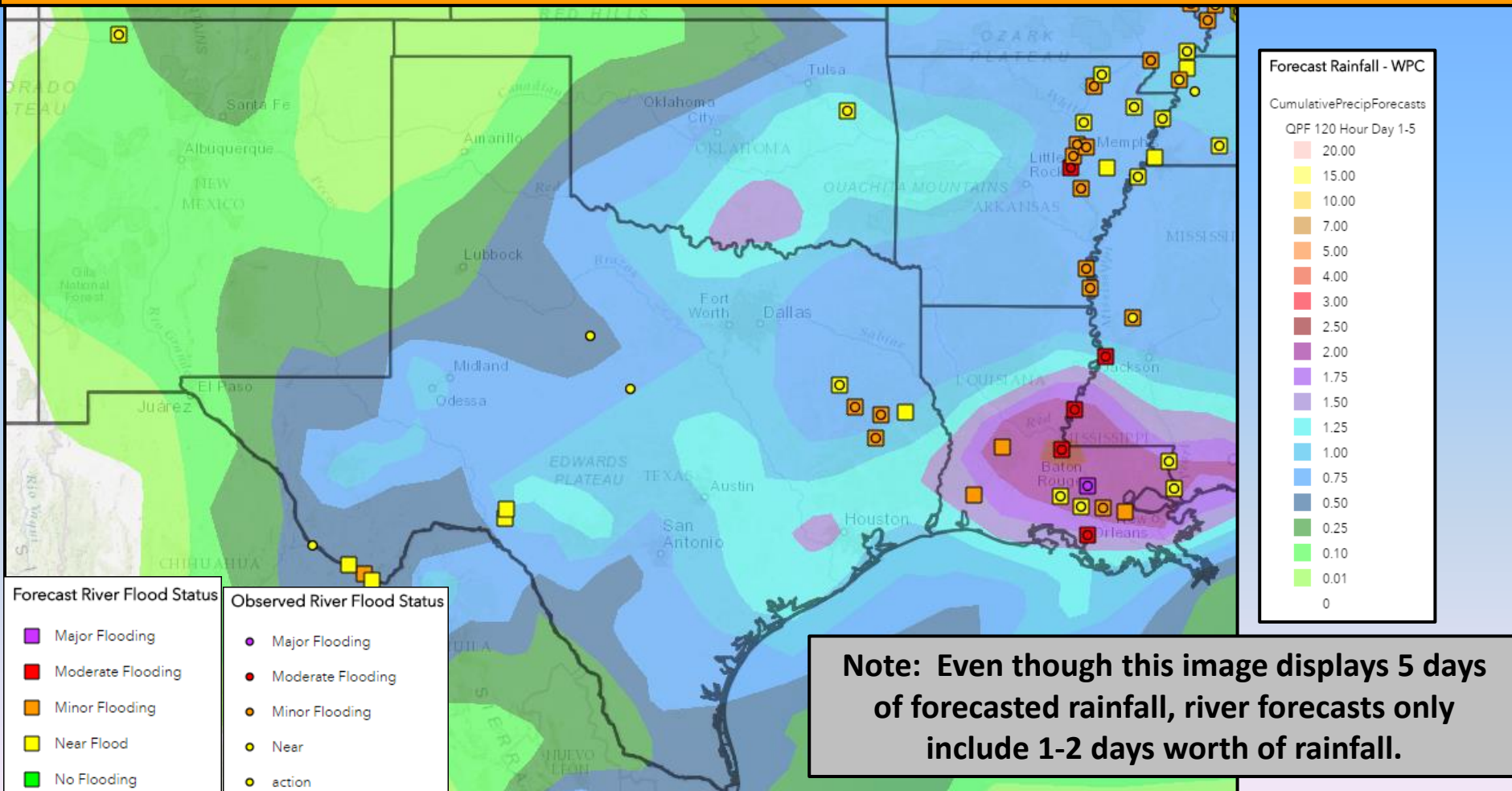
| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

For more details on the colors in the threat matrix refer to the last slide in this briefing.



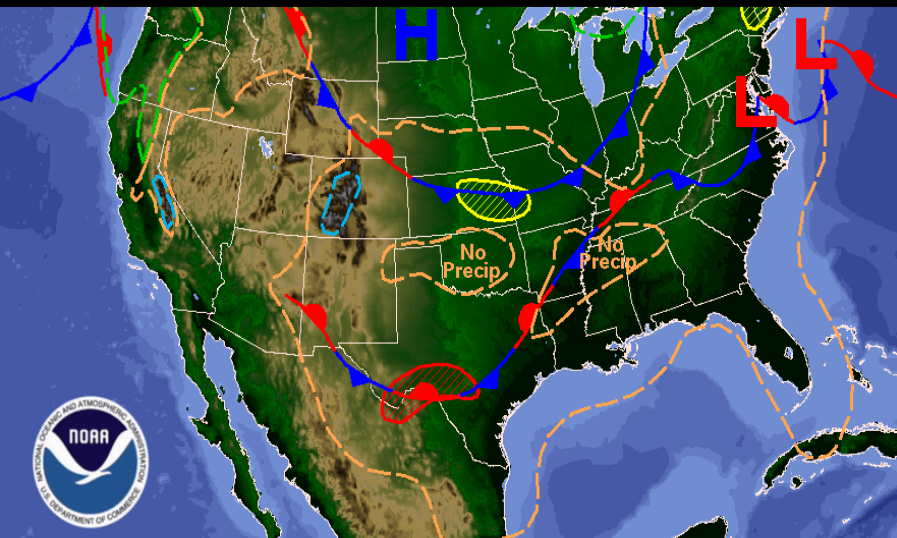
5-Day Precipitation Forecast & River Flood Status

- The Mississippi River in SE LA is cresting; Baton Rouge is currently in Major Flood and forecast to remain near current levels through Thursday. Water levels should slowly recede this weekend.
- Mostly minor flooding observed in AR/E TX and W LA.
- Rainfall this weekend may result in minor river flooding on portions of the Arkansas River



For the latest on river flooding: <http://water.weather.gov/ahps>

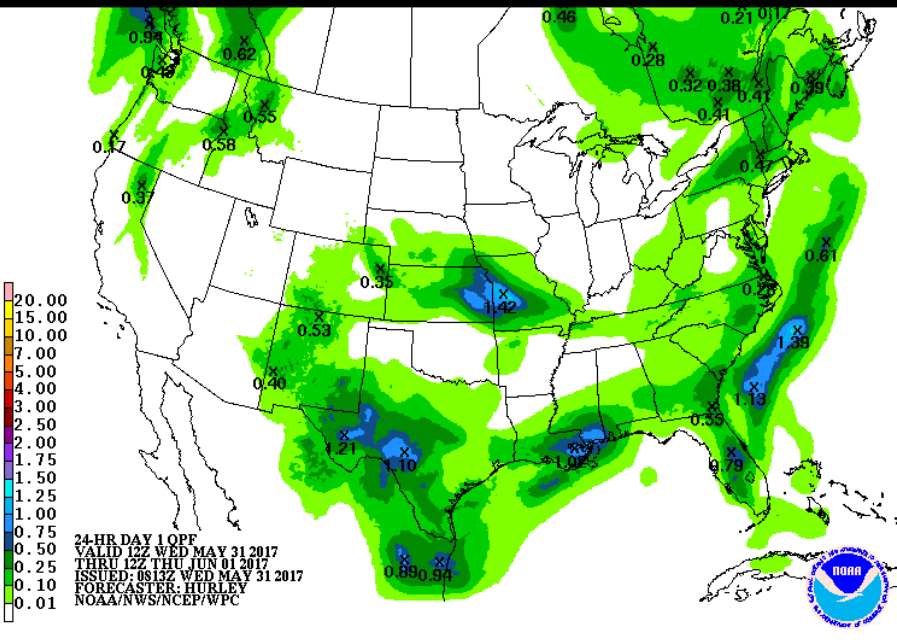
Today's Weather



Day 1 National Forecast Chart

Valid Wed, May 31, 2017, issued 4:48 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Moreynolds with WPC/SPC/NHC forecasts

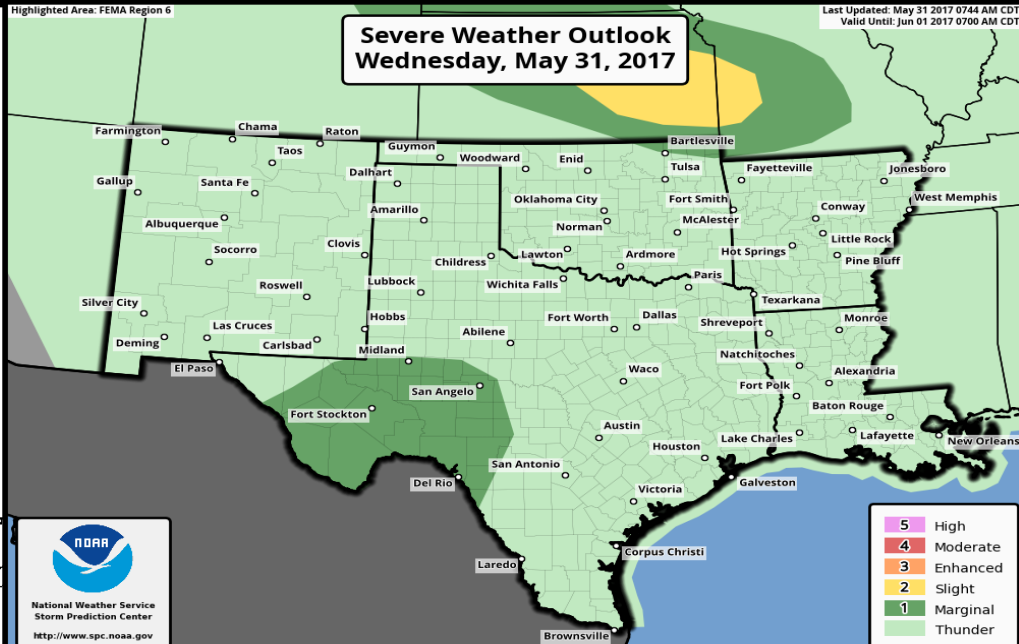
Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 1 OUTFLOW
 VALID 12Z WED MAY 31 2017
 THRU 12Z THU JUN 01 2017
 ISSUED: 0812Z WED MAY 31 2017
 FORECASTER: HURLEY
 NOAA/NWS/NCEP/WPC

Heavy rainfall over SW TX may produce areas of flash flooding. A few severe storms possible over this area as well.

Heavy rainfall also possible over W TX and E NM with isolated flash flooding threat



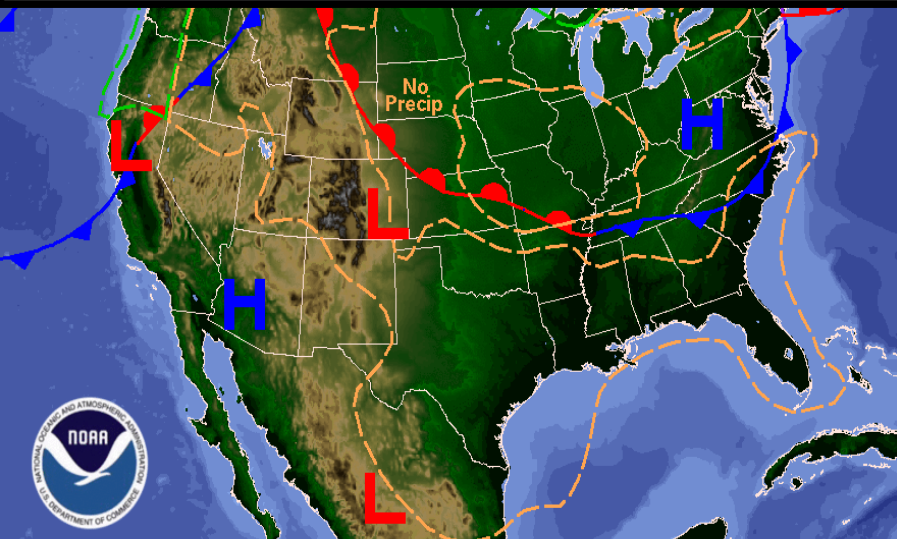
Severe Weather Outlook
 Wednesday, May 31, 2017

Last Updated: May 31 2017 0744 AM CDT
 Valid Until: Jun 01 2017 0700 AM CDT

NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

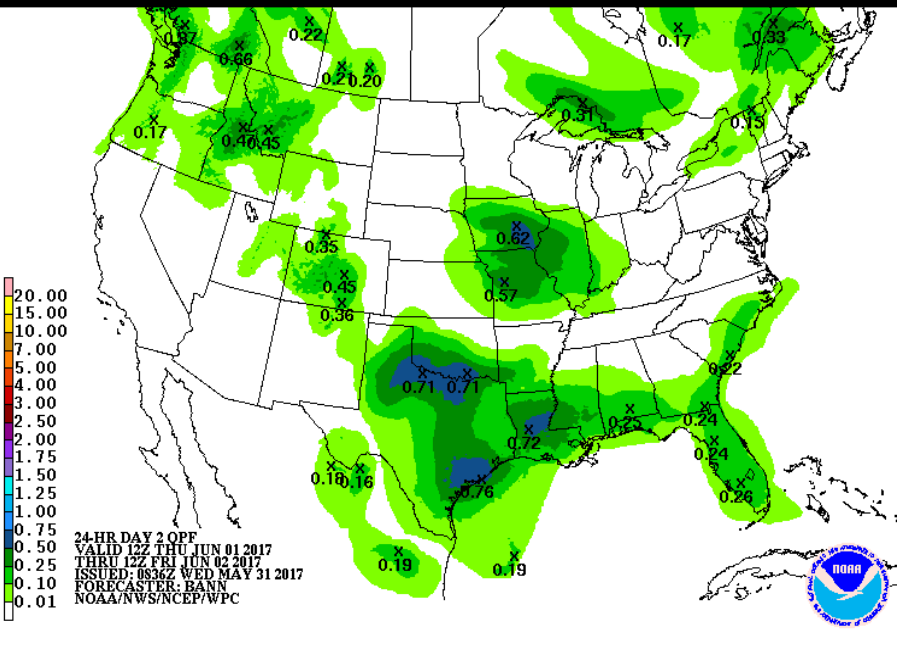
Tomorrow's Weather



Day 2 National Forecast Chart

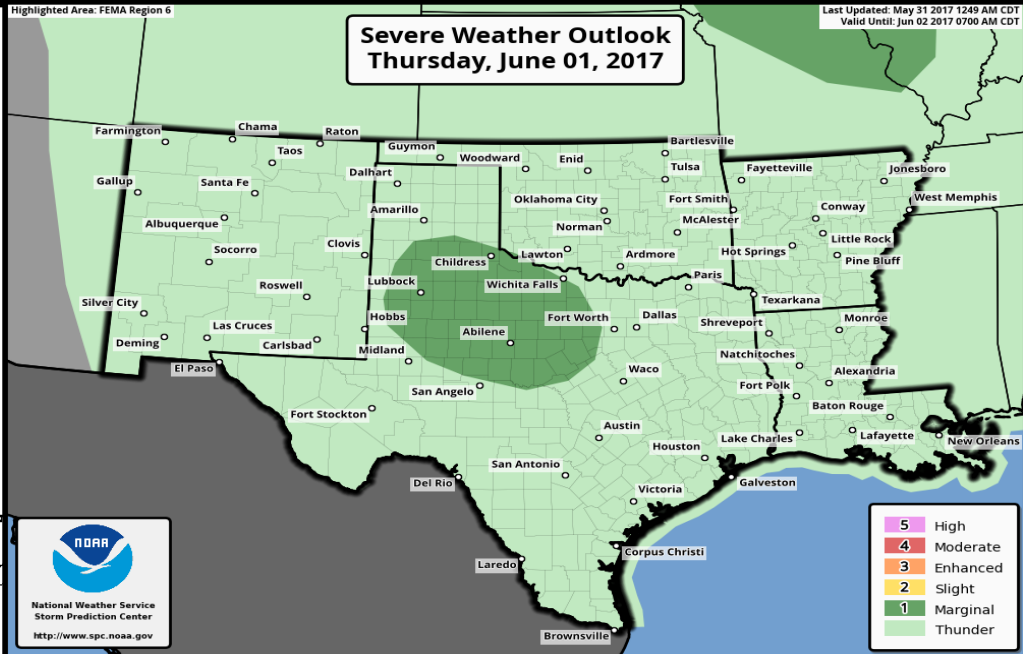
Valid Thu, Jun 01, 2017, issued 4:52 AM EDT Wed, May 31, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 2 QPF
 VALID 12Z THU JUN 01 2017
 THRU 12Z FRI JUN 02 2017
 ISSUED: 0636Z WED MAY 31 2017
 FORECASTER: BANN
 NOAA/NWS/NCEP/WPC

Isolated strong/severe thunderstorms with heavy rain/flash flooding possible across S OK/N TX.

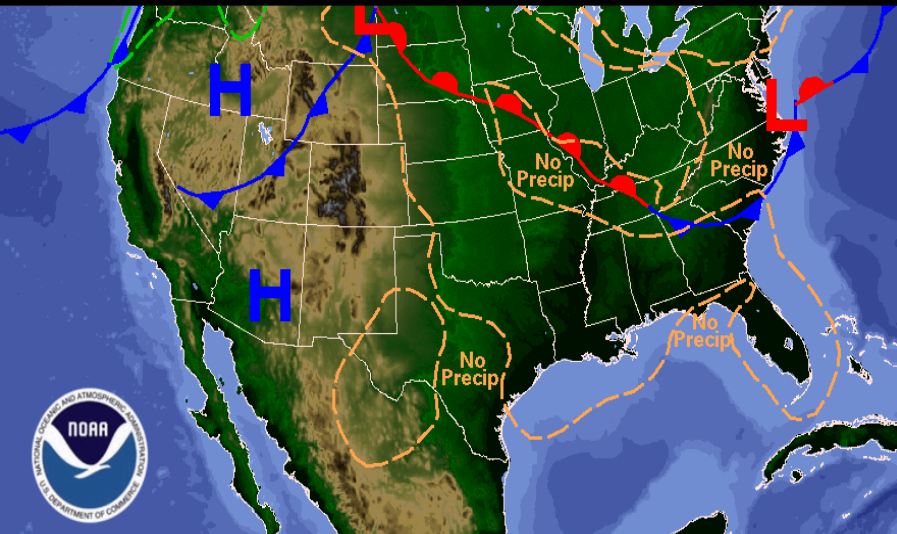


Severe Weather Outlook
 Thursday, June 01, 2017

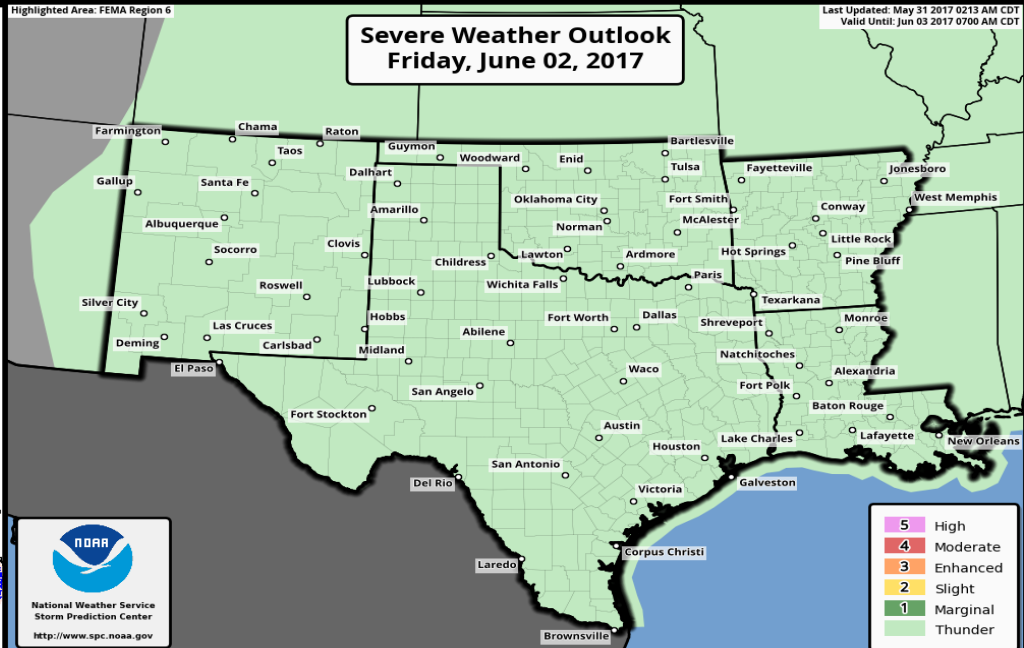
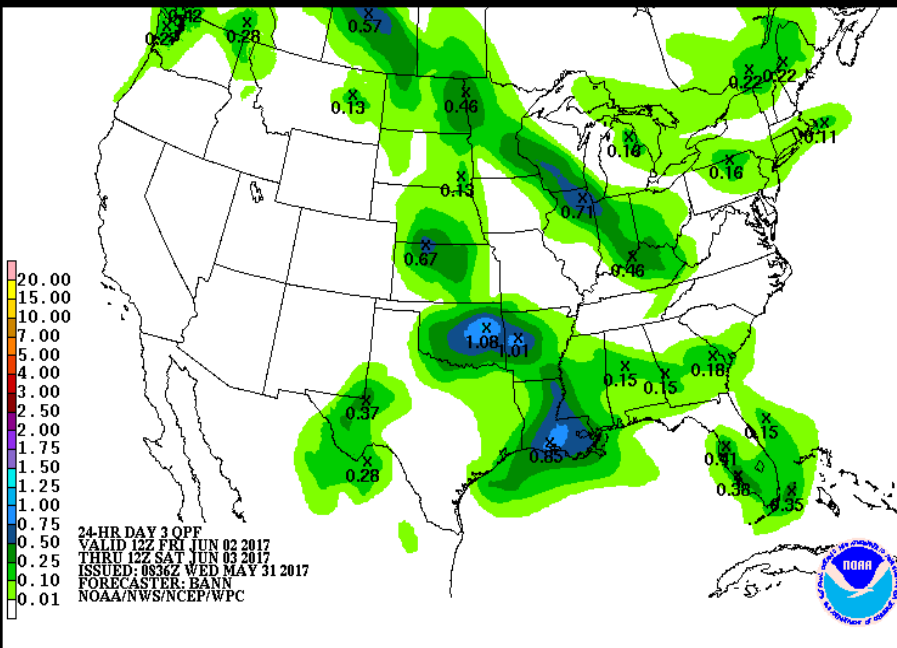
Last Updated: May 31 2017 1249 AM CDT
 Valid Until: Jun 02 2017 0700 AM CDT



Friday's Weather



Isolated heavy rain/flash flooding possible across S LA

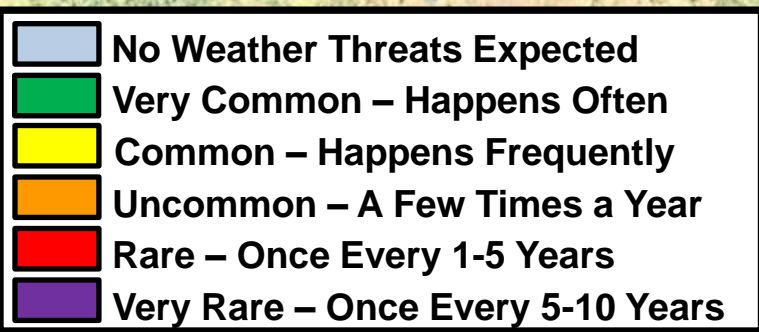


Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



Heavy rain
possible
Saturday into
Sunday

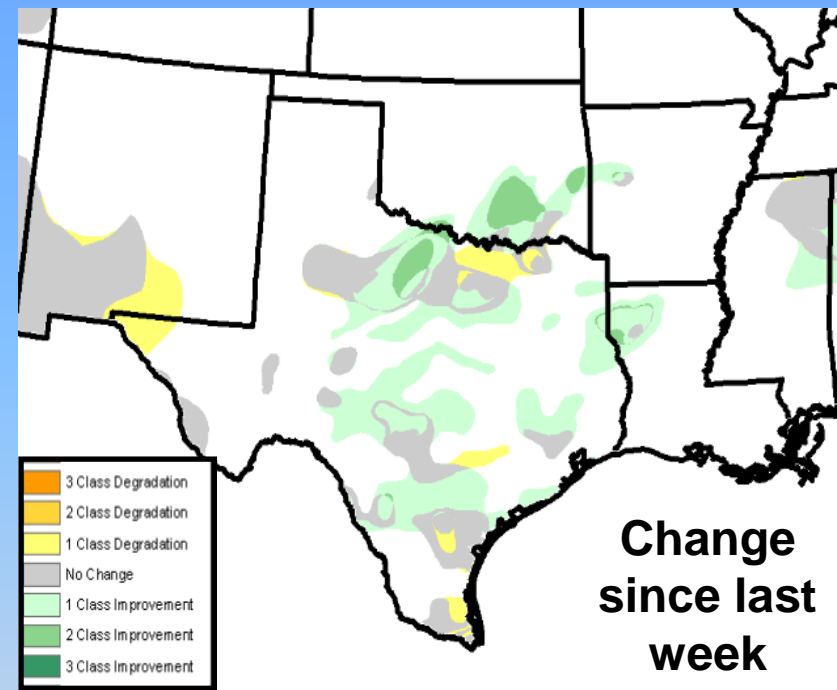
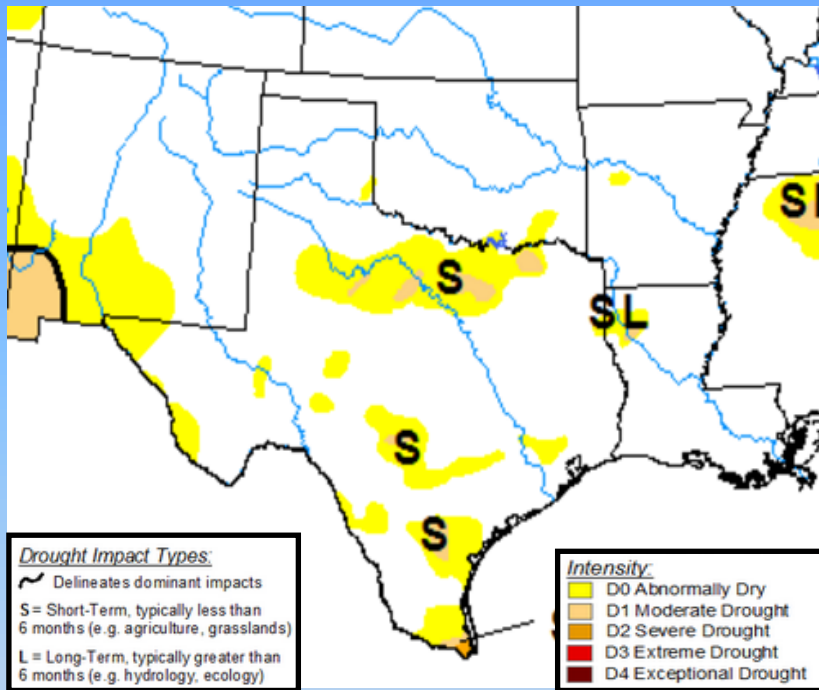


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released May 25th, 2017

Data valid as of 7am CST, Tuesday, May 23rd, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

| State | Current | Last Week | 3 Months Ago | 1 Year Ago |
|------------|---------|-----------|--------------|------------|
| Oklahoma | 0.00% | 0.00% | 0.18% | 0.00% |
| Arkansas | 0.00% | 0.00% | 2.00% | 0.00% |
| Texas | 0.00% | 0.00% | 0.00% | 0.00% |
| Louisiana | 0.00% | 0.00% | 0.00% | 0.00% |
| New Mexico | 0.00% | 0.00% | 0.00% | 0.00% |

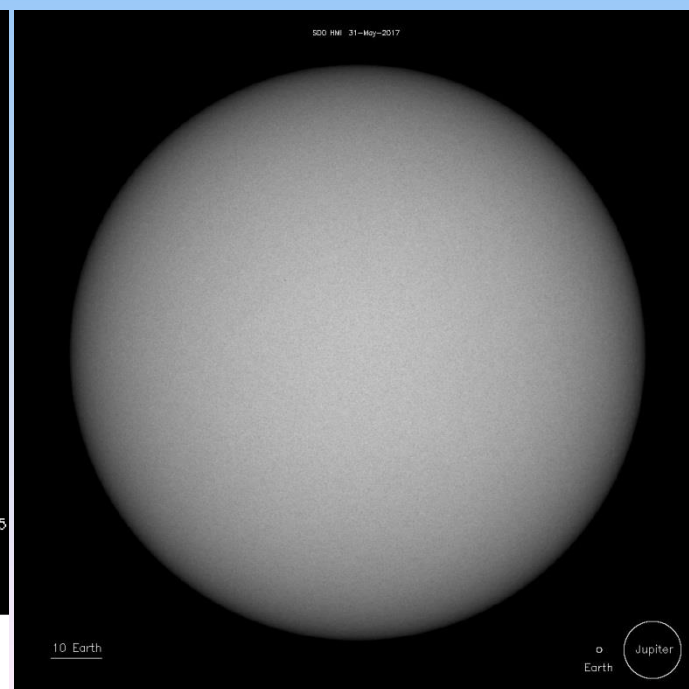
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

| | Wednesday | Thursday | Friday |
|-------------------------------|-----------------------|------------------------------------|-------------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet to Unsettled (Max Kp = 3) | Unsettled to Active (Max Kp = 4) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



Normal X-ray Background
Product Valid At : 2017-05-31 12:58 UTC

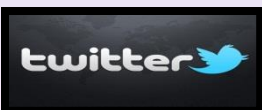
Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)
 <https://www.facebook.com/NWSSouthern>



@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



| Weather "Threat" Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |